

Doc code :IDS

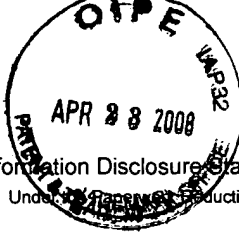
Doc description: Information Disclosure Statement (IDS) Filed

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a (03-08)

Approved for use through 04/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



Ifw

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10566369
	Filing Date		2006-01-30
	First Named Inventor	Oleg NAIGERTSIK et al.	
	Art Unit	1615	
	Examiner Name		
	Attorney Docket Number	1268-254	

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	2885366		1959-05-05	ILLER	
	2	3785798		1974-01-15	HORAI et al.	
	3	3826670		1974-07-30	REES	
	4	4129645		1978-12-12	BARNETT et al.	
	5	4349456		1982-09-14	SOWMAN	
	6	4464317		1984-08-07	THIES et al.	
	7	4606913		1986-08-19	ARONSON et al.	
	8	4671956		1987-06-09	BOUILLON et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10566369
Filing Date		2006-01-30
First Named Inventor	Oleg NAIGERTSIK et al.	
Art Unit	1615	
Examiner Name		
Attorney Docket Number	1268-254	

9	4891211		1990-01-02	WINSTON	
10	5165914		1992-11-24	VLOCK	
11	5200334		1993-04-06	DUNN et al.	
12	5292801		1994-03-08	AVNIR et al.	
13	5387622		1995-02-07	YAMAMOTO	
14	5455048		1995-10-03	LAHMANI et al.	
15	5556617		1996-09-17	RIBIER et al.	
16	5607664		1997-03-04	ASCIONE et al.	
17	5650311		1997-07-22	AVNIR et al.	
18	5670209		1997-09-23	WYCKOFF	
19	5691060		1997-11-25	LEVY	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10566369
Filing Date		2006-01-30
First Named Inventor	Oleg NAIGERTSIK et al.	
Art Unit		1615
Examiner Name		
Attorney Docket Number		1268-254

	20	5739020		1998-04-14	POPE	
	21	5895757		1999-04-20	POPE	
	22	5912016		1999-06-15	PERRIER et al.	
	23	6077522		2000-06-20	SCHER et al.	
	24	6090399		2000-07-18	GHOSH et al.	
	25	6197757	B1	2001-03-06	PERRIER et al.	
	26	6242099	B1	2001-06-05	GRANDMONTAGNE et al.	
	27	6280746	B1	2001-08-28	ARQUETTE et al.	
	28	6365642	B1	2002-04-02	DYER et al.	
	29	6495352	B1	2002-12-17	BRINKER et al.	
	30	6616947	B1	2003-09-09	DEPUIS	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10566369
Filing Date		2006-01-30
First Named Inventor	Oleg NAIGERTSIK et al.	
Art Unit	1615	
Examiner Name		
Attorney Docket Number	1268-254	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20060251687	A1	2006-11-09	LAPIDOT et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	01-113436	JP	A	1989-05-02			<input checked="" type="checkbox"/>
	2	03-229634	JP	A	1991-10-11			<input checked="" type="checkbox"/>
	3	07-173452	JP	A	1995-07-11			<input checked="" type="checkbox"/>
	4	09-110463	JP	A	1997-04-28			<input checked="" type="checkbox"/>
	5	02-040302	JP	A	1990-02-09			<input checked="" type="checkbox"/>
	6	94/04261	WO	A1	1994-03-03			<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10566369
Filing Date		2006-01-30
First Named Inventor	Oleg NAIGERTSIK et al.	
Art Unit	1615	
Examiner Name		
Attorney Docket Number	1268-254	

	7	97/45367	WO	A1	1997-12-04			<input type="checkbox"/>
	8	98/15183	WO	A1	1998-04-16			<input type="checkbox"/>
	9	99/03450	WO	A1	1999-01-28			<input checked="" type="checkbox"/>
	10	00/47236	WO	A1	2000-08-17			<input type="checkbox"/>
	11	01/13924	WO	A1	2001-03-01			<input type="checkbox"/>
	12	02/085113	WO	A1	2002-10-31			<input type="checkbox"/>
	13	2007/000316	WO	A1	2007-01-04			<input type="checkbox"/>
	14	2007/015243	WO	A2	2007-02-08			<input type="checkbox"/>
	15	2007/036939	WO	A2	2007-04-05			<input type="checkbox"/>
	16	764016	AU	B2	2000-05-22			<input type="checkbox"/>
	17	0 462 388	EP	A2	1990-06-20			<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10566369	
	Filing Date		2006-01-30	
	First Named Inventor	Oleg NAIGERTSIK et al.		
	Art Unit	1615		
	Examiner Name			
	Attorney Docket Number	1268-254		

	18	0 972 563	EP	A1	2000-01-19			<input type="checkbox"/>
	19	01/12221	WO	A1	2008-04-22			<input type="checkbox"/>
	20	0 680 753	EP	A2	1995-11-08			<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	• BUGNON, P, "Surface treatment of pigments. Treatment with inorganic materials", PROGRESS IN ORGANIC COATINGS, Vol. 29, pages 39-43, (1996)	<input type="checkbox"/>
	2	• HALL, S.B., et al., "Cocondensation of Organosilica Hybrid Shells on Nanoparticle Templates: A Direct Synthetic Route to Functionalized Core – Shell Colloids", LANGMUIR, Vol. 16, pages 1454-1456, (2000)	<input type="checkbox"/>
	3	• HAQ, I., et al., "Preparation and properties of uniform coated inorganic colloidal particles 9. Titania on copper compounds", COLLOIDS AND SURFACES A: PHYSICOCHEMICAL AND ENGINEERING ASPECTS, Vol. 81, pages 153-159, (1993)	<input type="checkbox"/>
	4	• HENCH, L.L., et al., "The Sol-Gel Process", Chem. Rev. Vol. 90, pages 33-72, (1990).	<input type="checkbox"/>
	5	• HSU, W.P., et al., "Paper Whiteners I. Titania Coated Silica", JOURNAL OF COLLOID AND INTERFACE SCIENCE, Vol. 156, pages 56-65, (1993)	<input type="checkbox"/>
	6	• ILER, R., "Silica Gels", The CHEMISTRY OF SILICA, pages 510-533, (1979)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10566369
Filing Date	2006-01-30
First Named Inventor	Oleg NAIGERTSIK et al.
Art Unit	1615
Examiner Name	
Attorney Docket Number	1268-254

7	• KUMAR, M.N.V. RAVI, "Nano and Microparticles as Controlled Drug Delivery Devices", J. PHARM. PHARMACEUTIC. SCI. 3(2)234-258, (2000)	<input type="checkbox"/>
8	• LAPIDOT, N., et al., "Advanced Sunscreens: UV Absorbers Encapsulated in Sol-Gel Glass Microcapsules", JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, Vol. 26, pages 67-72, (2003)	<input type="checkbox"/>
9	• MAGDASSI, S., et al. Cosmeceutics and Delivery Systems in Novel COSMETICS DELVIERY SYSTEM, S. Magdassi, E. Touitou Eds., Dekker inc., (1999)	<input type="checkbox"/>
10	• MATIJEVIC, E., et al, "Note Coating of Nanosize Silver Particles with Silica", JOURNAL OF COLLOID AND INTERFACE SCIENCE, Vol. 221, pages 133-136, (2000)	<input type="checkbox"/>
11	• MIKRAJUDDIN, F., et al., "Stable photoluminescence of zinc oxide quantum dots in silica nanoparticles matrix prepared by the combined sol-gel and spray drying method", JOURNAL OF APPLIED PHYSICS, Vol. 89, pages 6431-6434, (2001)	<input type="checkbox"/>
12	• NAKATSUKA, et al., "Surface Modification of Inorganic Pigments with Organic UV Absorbers", Colloid and Surfaces, Vol. 34, pages 323-334, (1988/89)	<input type="checkbox"/>
13	• OSSEO-ASARE, K., "Hydrolysis of Silicon Alkoxides in Microemlsions", Surfactan Sci. Sek., Vol. 42, pages 147-188, (2000)	<input type="checkbox"/>
14	• ROTTMAN, C., et al, "Advanced Sunscreens: UV Absorbers Entrapped in Glass Microcapsules", EURO COSMETICS, pages 20-22, (2000)	<input type="checkbox"/>
15	• ROTTMAN, C., et al. "Sol-Gel Products News: Advanced Sunscreen: UV Absorbers Entrapped in Sol-Gel Glass Microcapsules", JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, Vol. 23, pages 268-270, (2002)	<input type="checkbox"/>
16	• M.P.B van BRUGGEN, "Preparation and Properties of colloidal Core-Shell Rods with Adjustable Aspect Ratios", LANGMUIR, Vol. 14, pages 2245-2255, (1998)	<input type="checkbox"/>
17	• Sol-Gel Science, The Physics and Chemistry of Sol-Gel Processing, C. Jeffrey Brinker, George W. Scherer, May 1990, (pp 562-563).	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10566369
Filing Date	2006-01-30
First Named Inventor	Oleg NAIGERTSIK et al.
Art Unit	1615
Examiner Name	
Attorney Docket Number	1268-254

18	• Iqball Gill et al. "Encapsulation of Biologicals within Silicate, Siloxane, and Hybrid Sol-Gel Polymers: An Efficient and Generic Approach", J. Am. Chem. Soc. Vol. 120, pages 8587-8598, (1998).	<input type="checkbox"/>
----	---	--------------------------

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.